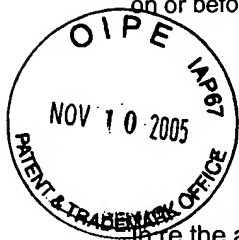
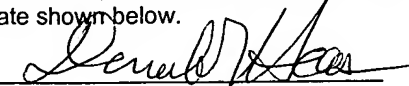


I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on or before the date shown below.




Donald F. Haas
Date: November 8, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of)

ERIC J. M. DE BOER,)
MARIJKE DE BOER-WILDSCHUT,)
HARRY VAN DER HEIJDEN, and)
ARIE VAN ZON)

Serial No. 10/668,592)

Group Art Unit: 1713

Filed September 23, 2003)

Examiner: Rober D. Harlan

CATALYST SYSTEMS FOR ETHYLENE)
OLIGOMERISATION TO LINEAR ALPHA)
OLEFINS)

November 8, 2005

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.56 AND 1.97

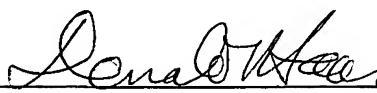
It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

SU 418462 describes the use of nickel palmitate in addition to trialkyl aluminum to catalyze the copolymerization of ethylene and propylene to give increased yields of Fuller-6C alpha olefins.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

ERIC J. M. DE BOER,
MARIJKE DE BOER-WILDSCHUT,
HARRY VAN DER HEIJDEN, and
ARIE VAN ZON

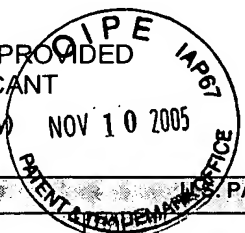
By 
Attorney, Donald F. Haas
Registration No. 26,177
(713) 241-3356

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TS1266 (US)APPLICATION NUMBER
10/668,592LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

NOV 10 2005

APPLICANT
E. J. M. De Boer et al.FILING DATE
September 23, 2003GROUP ART UNIT
1713

REFERENCE DESIGNATION

PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Patentee | Class | Subclass | Filing Date if Appropriate |
|------------------|----|--------------|----------|------------------|-------|----------|----------------------------|
| | AA | 5,318,935 | 6/7/94 | Canich et al. | 502 | 117 | |
| | AB | 5,726,115 | 3/10/98 | Horton et al. | 502 | 152 | |
| | AC | 2003/0125195 | 7/3/03 | Britovsek et al. | 502 | 117 | |
| | AD | 6,545,108 | 4/8/03 | Moody et al. | 526 | 161 | |
| | AE | 6,559,091 | 5/6/03 | Moody et al. | 502 | 167 | |
| | AF | 2003/0195110 | 10/16/03 | Moody et al. | 502 | 150 | |
| | AG | 2003/0225228 | 12/4/03 | Moody et al. | 526 | 172 | |
| | AH | 6,214,761 | 4/10/01 | Bennett | 502 | 117 | |
| | AI | 2001/0000519 | 4/26/01 | Bennett | 526 | 329 | |
| | AJ | 2002/0013431 | 1/31/02 | Bennett | 526 | 90 | |
| | AK | 6,417,305 | 7/9/02 | Bennett | 526 | 161 | |

FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation | |
|--|----|--------------|---------|---------------------------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| | AL | 0,308,728 | 3/29/89 | Europe (English Abstract) | F22B | 29/12 | | X |
| | AM | 418462 | 9/16/74 | Russia (English Abstract) | | | | X |
| | AN | 99/62967 | 12/9/99 | World | C08F | 10/00 | | |
| | AO | 1,125,987 | 8/22/01 | Europe | C09B | 23/02 | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| | | |
|--|----|---|
| | AR | Paul E. Figgins et al., "Complexes of Iron (II), Cobalt (II) and Nickel (II) with Biacetyl-bis-methylimine, 2-Pyridinal-methylimine and 2,6-Pyridindial-bis-methylimine," J. Am. Chem. Soc. (1960) Vol. 82, pp. 820-824 |
| | AS | Francis Lions et al., "Tridentate Chelate Compounds. I," J. Am. Chem. Soc. (1957), Vol. 79, pp. 2733-2738 |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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U.S. PATENT DOCUMENTS

| Initial | | Document Number | Date | Patentee | Class | Subclass | Filing Date if Appropriate |
|---------|----|-----------------|----------|-----------------------|-------|----------|-------------------------------|
| | BA | 6,423,848 | 7/23/02 | Bennett | 546 | 329 | |
| | BB | 6,432,862 | 8/13/02 | Bennett | 502 | 117 | |
| | BC | 6,103,946 | 8/15/00 | Brookhart, III et al. | 585 | 523 | |
| | BD | 6,489,497 | 12/3/02 | Brookhart, III et al. | 556 | 138 | |
| | BE | 2003/0036615 | 2/20/03 | Brookhart, III et al. | 526 | 161 | |
| | BF | 2003/0050494 | 3/13/03 | Brookhart, III et al. | 556 | 138 | |
| | BG | 6,740,715 | 5/25/04 | Brookhart, III et al. | 526 | 161 | |
| | BH | 6,232,259 | 5/15/01 | Iltel et al. | 502 | 155 | |
| | BI | 2001/0016634 | 8/23/01 | Iltel et al. | 526 | 172 | |
| | BJ | 6,310,153 | 10/30/01 | Iltel et al. | 526 | 172 | |
| | BK | 2002/0019575 | 2/14/02 | Schiffino | 585 | 520 | |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Subclass | Translation | |
|--|----|-----------------|----------|--------------------------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| | BM | 0,927,201 B1 | 4/14/04 | Europe | C08F | 4/642 | | |
| | BN | 04325504 | 11/13/92 | Japan (English Abstract) | c08f | 010/00 | | X |
| | BL | | | | | | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

BR

"Novel, Highly Active Iron and Cobalt Catalysts for Olefin Polymerization," by Allison M. A. Bennett, Chemtech, July 1999, pp. 24-28

FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

FOREIGN PATENT OFFICE

BT

International Preliminary Examination Report on Patentability for PCT/US2004/051365 of 29 August 2005

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|------------------|----|-----------------|---------|----------------|-------|----------|----------------------------|
| | CA | 6,555,723 | 4/29/03 | Schiffino | 585 | 521 | |
| | CB | 2002/0016521 | 2/7/02 | Culver et al. | 585 | 527 | |
| | CC | 6,534,691 | 3/18/03 | Culver et al. | 585 | 527 | |
| | CD | 6,677,267 | 1/13/04 | Berardi et al. | 502 | 155 | |
| | CE | 6,548,672 | 4/15/03 | Gibson et al. | 546 | 12 | |
| | CF | 6,461,994 | 10/8/02 | Gibson et al. | 502 | 155 | |
| | CG | 6,683,141 | 1/27/04 | Gibson et al. | 526 | 161 | |
| | CH | 2002/0016425 | 2/7/02 | De Boer et al. | 526 | 172 | |
| | CI | 2003/0144514 | 7/31/03 | De Boer et al. | 546 | 12 | |
| | CJ | 2003/0045752 | 3/6/03 | De Boer et al. | 562 | 545 | |
| | CK | 2002/0128409 | 9/12/02 | De Boer et al. | 526 | 172 | |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Subclass | Translation | |
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| | | | | | | | Yes | No |
| | CL | | | | | | | |
| | CM | | | | | | | |
| | CN | | | | | | | |
| | CO | | | | | | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| | | |
|--|----|--|
| | CR | "Polymerization of Propylene by a New Generation of Iron Catalysts: Mechanisms of Chain Initiation, Propagation, and Termination," by Brooke L. Small and Maurice Brookhart, Macromolecules, Vol. 32, No. 7, 1999, pp. 2120-2130 |
| | CS | "Metal-Ion-Directed Synthesis of Homo- and Heteronuclear Dimetallic Schiff Base Podates," by W. Radecka-Paryzek, M. T. Kaczmarek, and E. Luks, Polish J. Chem., 75, (2001) pp. 35-42 |

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U.S. PATENT DOCUMENTS

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|------------------|----|-----------------|----------|-----------------|-------|----------|----------------------------|
| | DA | 2003/0119921 | 6/26/03 | De Boer et al. | 518 | 715 | |
| | DB | 6,395,668 | 5/28/02 | van Baar et al. | 502 | 123 | |
| | DC | 6,559,252 | 5/6/03 | Horton et al. | 526 | 160 | |
| | DD | 2005/159601 | 7/21/05 | De Boer et al. | 546 | 2 | |
| | DE | 6,441,117 | 8/27/02 | Cameron | 526 | 352 | |
| | DF | 6,417,364 | 7/9/02 | Lenges | 546 | 12 | |
| | DG | 6,407,188 | 6/18/02 | Guan et al. | 526 | 113 | |
| | DH | 6,479,601 | 11/12/02 | Kerns et al. | 526 | 161 | |
| | DI | 6,465,386 | 10/15/02 | Maddox et al. | 502 | 155 | |
| | DJ | 6,462,155 | 10/8/02 | Okuda | 526 | 161 | |
| | DK | 6,458,905 | 10/1/02 | Schmidt et al. | 526 | 172 | |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Subclass | Translation | |
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| | | | | | | | Yes | No |
| | DL | | | | | | | |
| | DM | | | | | | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| | | |
|--|----|---|
| | DR | "1,1-Diisocyanoferrocene and a Convenient Synthesis of Ferrocenylamine," by Daan van Leusen and Bart Hessen, Organometallics, 2001, pp. 224-226 |
| | DS | |
| | DT | |

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|------------------|----|-----------------|---------|------------------|-------|----------|----------------------------|
| | EA | 6,462,152 | 10/8/02 | Berardi et al. | 526 | 75 | |
| | EB | 6,461,994 | 10/8/02 | Gibson et al. | 502 | 155 | |
| | EC | 6,458,739 | 10/1/02 | Kimberley et al. | 502 | 155 | |
| | ED | 6,455,660 | 9/24/02 | Clutton et al. | 526 | 352 | |
| | EE | 2005/0014983 | 1/20/05 | De Boer et al. | 585 | 511 | |
| | EF | 5,955,555 | 9/21/99 | Bennett | 526 | 133 | |
| | EG | 6,063,881 | 5/16/00 | Bennett | 526 | 161 | |
| | EH | 2002/0035031 | 3/21/02 | Berardi et al. | 502 | 171 | |
| | EJ | 2002/0028941 | 3/7/02 | De Boer et al. | 546 | 167 | |
| | EK | 6,451,939 | 9/17/02 | Britovsek et al. | 526 | 161 | |

FOREIGN PATENT DOCUMENTS

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U.S. PATENT DOCUMENTS

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|------------------|----|-----------------|----------|-------------------|-------|----------|----------------------------|
| | FA | 6,472,341 | 10/29/02 | Kimberley et al. | 502 | 155 | |
| | FB | 6,414,098 | 7/2/02 | Engehausen et al. | 526 | 161 | |
| | FC | 4,728,583 | 3/1/88 | Yamazaki et al. | 428 | 690 | |
| | FD | 4,912,333 | 3/27/90 | Roberts et al. | 250 | 487.1 | |
| | FE | 4,944,026 | 7/24/90 | Arakawa et al. | 250 | 484.1 | |
| | FF | 5,151,604 | 9/29/92 | Kohda et al. | 250 | 484.1 | |
| | FG | 5,830,629 | 11/3/98 | Vizard et al. | 430 | 523 | |
| | FH | 5,888,647 | 3/30/99 | Yamane | 428 | 338 | |
| | FI | 5,905,014 | 5/18/99 | Van de Bergh | 430 | 139 | |
| | FJ | 6,521,329 | 2/18/03 | Aylward et al. | 428 | 212 | |
| | FK | 6,150,482 | 11/21/00 | Brookhart et al. | 526 | 161 | |

FOREIGN PATENT DOCUMENTS

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|------------------|----|---------------------|----------|----------------|-------|----------|----------------------------|
| | GA | 6,825,297 | 11/30/04 | Devore et al. | 526 | 172 | |
| | GB | 6,605,677 | 8/12/03 | Lavoie et al. | 526 | 161 | |
| | GC | 6,706,891 | 3/16/04 | Ponasik | 548 | 523 | |
| | GD | 6,838,540 | 1/4/05 | Mitani et al. | 526 | 348 | |
| | GE | 6,583,237 | 6/24/03 | Imuta et al. | 526 | 89 | |
| | GF | 6,265,500 | 6/24/01 | Debras | 526 | 65 | |
| | GG | 5,852,145 | 12/22/98 | McLain et al. | 526 | 133 | |
| | GH | 6,002,034 | 12/14/99 | McLain et al. | 556 | 34 | |
| | GI | 2005/0014983 | 1/20/05 | De Boer et al. | 585 | 511 | |
| | GJ | Ser. No. 11/080,170 | 3/15/05 | De Boer et al. | | | |
| | GK | 2004/0116758 | 6/17/04 | De Boer et al. | 585 | 521 | |
| | GL | | | | | | |

FOREIGN PATENT DOCUMENTS

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| | | | | | | | Yes | No |
| | GM | | | | | | | |
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